

## ABSTRACT OF THE DISCLOSURE

1           In an apparatus for producing images on a light-  
2 sensitive material, the graphic information content for an  
3 image that is to be projected onto the light-sensitive material  
4 is divided into individual pixels. The projected image is  
5 composed of mutually offset partial images that are represented  
6 in a transmissive device consisting of an array of transmissive  
7 elements. The apparatus includes a light source that generates  
8 light rays passing through the transmissive device, an  
9 illumination device that bundles the light rays into light  
10 beams before they pass through the transmissive device, and a  
11 projection objective that projects the light beams  
12 telecentrically onto the light-sensitive material.